

CLAIMS

What is claimed is:

1. A method of transferring a file over a network comprising:  
dividing a file into a plurality of blocks;  
transferring a first one of said plurality of blocks from a first entity and  
across said network toward a second entity; and  
transferring a second one of said plurality of blocks from said first entity  
and across said network toward said second entity while said first one of said  
plurality of blocks is being transferred across said network to said second entity.
2. The method of claim 1, wherein said method utilizes Transmission  
Control Protocol (TCP) for transmission of said first one of said plurality of blocks  
and for transmission of said second one of said plurality of blocks.
3. The method of claim 2, wherein said method further utilizes a file  
transfer protocol (FTP) methodology for transmission of said first one of said  
plurality of blocks and for transmission of said second one of said plurality of  
blocks.
4. The method of claim 1, wherein dividing said file comprises  
determining whether said file is larger than a predetermined size.

5. The method of claim 1, wherein transferring said second one of said plurality of blocks comprises waiting a predetermined time after transmission of said first one of said plurality of blocks.

6. The method of claim 1, wherein transferring said second one of said plurality of blocks comprises waiting a predetermined time after a beginning of transmission of said first one of said plurality of blocks.

7. The method of claim 1, further comprising receiving said first one of said plurality of blocks at said second entity.

8. The method of claim 7, further comprising receiving said second one of said plurality of blocks at said second entity.

9. The method of claim 8, further comprising assembling said plurality of blocks at said second entity.

10. The method of claim 9, wherein said plurality of blocks are assembled at said second entity after said second entity receives an interconnect block from said first entity.

11. The method of claim 1, further comprising said second entity transferring an acknowledgment across said network to said first entity after a beginning of transmission of said second one of said plurality of blocks.

12. The method of claim 1, wherein said file comprises a video file.

13. A method of transferring a file from a first entity to a second entity over a network, said method comprising:

receiving a first one of a plurality of blocks at said second entity;  
receiving a second one of said plurality of blocks at said second entity;  
receiving a last one of said plurality of blocks at said second entity; and  
assembling said first one of said plurality of blocks and said second one of said plurality of blocks into a single file at said second entity after receiving said last one of said plurality of blocks.

14. The method of claim 13, wherein said method utilizes Transmission Control Protocol (TCP) for transmission/reception of said first one of said plurality of blocks and for transmission/reception of said second one of said plurality of blocks.

15. The method of claim 14, wherein said method further utilizes a file transfer protocol (FTP) methodology for transmission/reception of said first one of

said plurality of blocks and for transmission/reception of said second one of said plurality of blocks.

16. The method of claim 13, wherein said last one of said plurality of blocks comprises an interconnect block.

17. The method of claim 13, further comprising:

dividing a file into said plurality of blocks;

transferring said first one of said plurality of blocks from said first entity to said second entity; and

transferring said second one of said plurality of blocks from said first entity to said second entity while said first one of said plurality of blocks is being transferred across said network to said second entity.

18. The method of claim 17, wherein transferring said second one of said plurality of blocks comprises waiting a predetermined time after transmission of said first one of said plurality of blocks.

19. The method of claim 17, wherein transferring said second one of said plurality of blocks comprises waiting a predetermined time after a beginning of transmission of said first one of said plurality of blocks.

20. The method of claim 13, further comprising said second entity transferring an acknowledgment across said network to said first entity after a beginning of transmission of said second one of said plurality of blocks.

21. The method of claim 13, wherein said file comprises a video file.

22. A method of transferring a file over a network comprising:  
dividing a file into a plurality of blocks;

transferring a first one of said plurality of blocks from a first entity and across said network toward a second entity, said transferring being done in accordance with a Transmission Control Protocol; and

transferring a second one of said plurality of blocks from said first entity and across said network toward said second entity while said first one of said plurality of blocks is being transferred across said network to said second entity, said transferring of said second one of said plurality of blocks being done in accordance with said Transmission Control Protocol.

23. The method of claim 22, wherein dividing said file comprises determining whether said file is larger than a predetermined size.

24. The method of claim 22, wherein transferring said second one of said plurality of blocks comprises waiting a predetermined time after transmission of said first one of said plurality of blocks.

25. The method of claim 22, wherein transferring said second one of said plurality of blocks comprises waiting a predetermined time after a beginning of transmission of said first one of said plurality of blocks.

26. The method of claim 22, further comprising said second entity transferring an acknowledgment across said network to said first entity after a beginning of transmission of said second one of said plurality of blocks.

27. The method of claim 22, wherein said file comprises a video file.

28. A program storage device readably by machine, tangibly embodying a program of instructions executable by the machine to perform a method of transferring a file over a network, said method comprising:

dividing a file into a plurality of blocks;

transferring a first one of said plurality of blocks from a first entity and across said network toward a second entity; and

transferring a second one of said plurality of blocks from said first entity and across said network toward said second entity while said first one of said plurality of blocks is being transferred across said network to said second entity.

29. The program storage device of claim 28, wherein said method utilizes Transmission Control Protocol (TCP) for transmission of said first one of

said plurality of blocks and for transmission of said second one of said plurality of blocks.

30. The method of claim 29, wherein said method further utilizes a file transfer protocol (FTP) methodology for transmission of said first one of said plurality of blocks and for transmission of said second one of said plurality of blocks.